

CURRENT INDUSTRIAL REPORTS SERIES

2010 MA333A — FARM MACHINERY AND LAWN AND GARDEN EQUIPMENT (SHIPMENTS)

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers firms engaged in the manufacture of farm tractors, farm machinery and equipment, farm irrigation equipment, turf equipment, and lawn and garden equipment.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact listed on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

b. Units of measure

Quantity — Report in number of units
Value — Report in thousands of dollars

c. Columnar structure of report

When posting your figures to the report, please be sure to report information in the correct columns.

These are:

Column 1 — Quantity of shipments
Column 2 — Value of shipments

d. Not included in this survey

Contractors' off-highway wheel tractors (2- and 4-wheel) are excluded from this survey. These units are primarily designed to be used for towing all types of scrapers, trailers, wagons, and similar types of towed equipment for use on natural terrain but restricted by State laws or regulations from operating on public highways when attached to towed unit under loaded conditions.

3. Definitions

WHEEL TRACTORS (Except contractors' off-highway type, garden tractors, and motor tillers.) Include in this section all wheel tractors except contractors' off-highway type, garden tractors, and motor tillers. Horse power data for farm tractors should be based on power take off (PTO) while the other categories of wheel tractors are based on net engine horsepower (NEHP).

TURF TRACTORS — A self-propelled riding vehicle, typified by a low center of gravity, equipped with wide turf-tread tires.

GARDEN TRACTORS — Weighing less than 1,200 pounds (basic machine) typically powered by air cooled engines with fewer than 4 cylinders and total piston displacement of under 45 cubic inches. Such tractors are further distinguished from farm tractors in that they usually carry an engine horsepower rating but not a (PTO) horsepower rating.

LAWN TRACTORS AND RIDING MOWERS — A self-propelled riding vehicle, generally designed for cutting grass, which is not capable of pulling a plow.

NET ENGINE HORSEPOWER (NEHP) — Net flywheel performance as measured by manufacturer, with all standard accessories installed, operated and corrected to 29.38 inches mercury (Hg) and temperature of 85 degrees Fahrenheit.

PARTS — Manufactured components essential to the completeness and proper operation of a machine, vehicle, or apparatus. Examples of parts are (1) a wheel for a cultivator, (2) a plowshare, (3) a gear. Report only parts sold for replacement and repairs.

ATTACHMENTS — Supplementary devices designed to be attached to vehicle or apparatus that either (1) vary or extend the function of the unit, or (2) add to the convenience or effectiveness of the basic unit. Examples of attachments are (1) a root cutter fastened to a plow, (2) a drilling device applied to a checkrow corn planter.

ABBREVIATIONS AND METRIC CONVERSIONS

hp = horsepower = .7457 kilowatts (kW)
PTO = Power take off type
NEHP = Net engine horsepower
gal = gallon = 3.7854 liters (L)
kgs = kilograms = 2.20462 pounds (lbs)
inch = 2.54 centimeters (cm)
l.p.m. = liter per minute
g.p.m. = gallons per minute
b.t.u. = British thermal unit
c.f.m. = cubic feet per minute

CURRENT INDUSTRIAL REPORTS SERIES

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

4. Comparability

Data reported in this survey should correspond to data reported in the Annual Survey of Manufactures form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product class codes indicated in column (b) below.

Current Industrial Reports (Form MA333A) Item codes (a)	Annual Survey of Manufactures Product class codes (b)
6198	3331111
6217, 6268, 6285	3331114
6385	3331117
6585	3331119
6685	333111A
6735, 6753 and 6796	333111E
6825, 6846, 6858, 6865, 6878, 6888, 6898	333111G
8119 and 8145	333111J
8266	3331121
8289	3331123
8307 and 8339	3331127
9910	333111C pt
9959	333111C pt
8659	3339228 pt

pt = part

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MA333A			FARM MACHINERY AND LAWN AND GARDEN EQUIPMENT (SHIPMENTS)
Product code	Item code	Item description	
3331111000	6198	FARM-TYPE WHEEL TRACTORS AND ATTACHMENTS (Excluding contractors' off-highway wheel tractors, nonfarm (industrial type) garden tractors, turf tractors, and motor tillers) - Value Only	
3331114110	6217	FARM-TYPE DAIRY MACHINES AND EQUIPMENT - Value Only	
		SPRAYERS AND DUSTERS (excluding aerial types)	
3331114116	6219	Power sprayers, field and row crop types only:	
3331114121	6230	Self-propelled	
		Tractor mounted	
3331114126	6243	PTO driven sprayers and dusters, other than tractor mounted.	
3331114134	6248	Power sprayers, other than row crop and field types (over 4 g.p.m.) 15.2 l.p.m.	
3331114152	6258	Hand pulled and garden type 4 g.p.m. and under	
3331114156	6259	Under 1 gallon	
		1 gallon and over	
3331114161	6261	Compressed air or gas	
3331114164	6262	Other, including, knapsack, hose end and flame sprayers and sprayer pumps	
3331114168	6263	Dusters, power, hand, all types	
3331114173	6266	All other sprayers, including air carried type and portable foggers and mist sprayers	
3331114176	6267	Attachments for sprayers and dusters — Value only	
XXX	6268	Total, sprayers and dusters (Sum of item codes 6219–6267) — Value only	
		FARM BLOWERS	
3331114196	6285	Farm blowers and attachments, including forage blowers, combination grain and forage blowers - Value Only	
		PLANTING, SEEDING, FERTILIZING MACHINERY	
3331117101	6321	Corn planters, corn and cotton planters, and lister planters – pull type and mounted, total rows – mounted	
3331117108	6324	Grain drills (fixed frame) all types	
3331117111	6340	Transplanters (pull type or mounted) and broadcast seeders (end-gate, mounted and drawn)	
		Fertilizer distributors (pull type or mounted) (exclude fertilizer attachments; lawn and garden hand types)	
3331117118	6350	Dry (including lime spreaders)	
3331117121	6357	Liquid and anhydrous ammonia	
3331117128	6361	Manure spreaders, rear discharge	
3331117131	6365	Manure spreaders, side discharge	
3331117138	6369	Manure pumps, liquid	
3331117141	6373	Front and rear tractor mounted loaders (farm type), manure and general utility (except beet and sugar cane loaders)	

CURRENT INDUSTRIAL REPORTS SERIES

FORM MA333A		
Product code	Item code	Item description
		PLANTING, SEEDING, FERTILIZING MACHINERY — Continued
3331117148	6377	Row crop unit planters (number of rows)
3331117151	6379	Other planting, seeding, and fertilizing machinery (excluding machinery specified above)
3331117158	6384	Attachments; exclude planting attachments for lister, but include fertilizer attachments for plain drills, disc furrowing, grass waterway and check row plant and grass seed attachments — <i>Value only</i>
3331117100	6385	Total, planting, seeding, fertilizing machinery (Sum of item codes 6321—6384) — Value only
3331119000	6585	HARVESTING MACHINERY, INCLUDING COMBINES, COMBINE HEADS AND HARVESTERS - Value Only
		HAYING MACHINERY
333111A101	6613	Mowers, cutter-bar type (Report mower-conditioners under code 6623 all types) (including drum and disk)
333111A111	6623	Mower-conditioners and windrowers with conditioner auger and draper type (pull type and self-propelled)
333111A121	6631	Rakes, side delivery, cylinder type, finger wheel type, rotary, tedder and combination rotary/tedder type
333111A131	6656	Hay balers, field type, and bale throwing attachments
333111A141	6682	Other haying machinery (excluding as specified above)
333111A151	6683	Other attachments for haying machinery (example: stripper, bale chute, and knife attachments) (exclude attachments specified above)— <i>Value only</i>
333111A100	6685	Total, haying machinery (Sum of item codes 6613–6683) — Value only
		PRIMARY TILLAGE EQUIPMENT — PLOWS
333111E101	6715	Sub-soilers (deep tillage), wide shank
333111E109	6717	Terracing and ditching plows
333111E115	6720	Chisel plows, deep tillage pull or mounted type (chisel or sweep type)
333111E121	6725	Other plows, except snow plows and plows specified above
333111E159	6727	Middlebusters and disc bedders (excluding planting attachments)
3331115135	6730	Attachments for plows (coulters, jointers, root cutters, sub-soilers, fertilizer distributors, powershares, etc.) (exclude lister planting attachments) — <i>Value only</i>
XXX	6735	Total, primary tillage equipment (Sum of item codes 6715–6730) — Value only

CURRENT INDUSTRIAL REPORTS SERIES

FORM MA333A		
Product code	Item code	Item description
SECONDARY TILLAGE EQUIPMENT - HARROWS, ROLLERS, PULVERIZERS, AND SIMILAR EQUIPMENT		
333111E141	6740	Spike-tooth harrow sections and spring-tooth and tine-tooth harrow sections
333111E149	6742	Disc harrows, single, tandem, and offset
333111E151	6744	Combination tillage equipment, roller/harrows, disc or coulter/field cultivators, disc or coulter/spring tooth
333111E158	6746	Blade terracers or scrapers (farm size)
333111E161	6748	Land levelers
333111E169	6750	Other harrows, rollers, pulverizers, and similar equipment (except products specified above)
333111E171	6752	Attachments (examples: folding extension, furrow fillers, drawbars, adapter hitches, gauge wheels, and drawbar attachments) — <i>Value only</i>
XXX	6753	Total harrows, rollers, pulverizers, and similar equipment (<i>Sum of item codes 6740 — 6752</i>) - <i>Value only</i>
333111E200	6796	CULTIVATORS AND WEEDERS SECONDARY TILLAGE (including corn, cotton, rotary field, and attachments) - <i>Value only</i>
ALL OTHER FARM MACHINERY AND EQUIPMENT Machines For Preparing Crops For Market Or For Use		
333111G112	6811	Feed grinders and crushers, power
333111G114	6813	Feed mixers (farm size), stationary and portable
		Driers (grain, hay, and seed)
333111G118	6817	Heated air crop driers
333111G122	6819	Crop drying fans only (over 15,000 c.f.m. at approximately one inch pressure)
333111G123	6820	Other machines for preparing crops for market or for use including cotton ginning machinery and combination grinder-mixers (excluding those specified above)
333111G126	6824	Attachments — <i>Value only</i>
XXX	6825	Total, machines for preparing crops (<i>Sum of item codes 6811–6824</i>) — <i>Value only</i>
Farm Poultry Equipment		
333111G128	6831	Incubators (report total egg capacity of all incubators shipped)
333111G132	6834	Brooders, floor and hanging, gas, electric, oil, coal, wood and battery
333111G136	6838	Poultry feeders (trough, hanging, and mechanical) and waterers (except turkey feeders and waterers),
333111G139	6842	Other farm poultry equipment, including turkey waterers, mechanized egg graders, egg washers, and nests and cages.
333111G142	6845	Attachments for farm poultry equipment — <i>Value only</i>
XXX	6846	Total, farm poultry equipment (<i>Sum of item codes 6831–6845</i>) — <i>Value only</i>

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MA333A		
Product code	Item code	Item description
333111G156	6851	Other Barn And Barnyard Equipment Silo and grain bin unloaders, forage and grain including sealed storage unloaders (farm type) Cattle and dairy barn equipment
333111G158	6852	Feeding equipment
333111G162	6853	Handling equipment
333111G164	6855	Water equipment
333111G166	6856	Other barn and barnyard equipment. (Do not include construction items such as partitions, doors, windows, pillars, etc.) (Excludes equipment specified above.)
333111G168	6857	Attachments — <i>Value only</i>
XXX	6858	Total, barn and barnyard equipment (Sum of item codes 6851–6857) — Value only
		Irrigation Systems Self-propelled irrigation systems
333111G188	6860	Center-pivot (report quantity in equivalent systems)
333111G192	6861	All other systems using 100 feet flexible hose feeder line and over
XXX	6865	Total, Self-propelled Irrigation Systems (Sum of item codes 6860 and 6861) — Value only
333111G170	6878	Hog Equipment (including feeding, handling water equipment and attachments) - Value only
		Farm Wagons And Other Farm Transportation Equipment
333111G172	6880	Wagons (chassis only) and trailer gears (exclude motor trucks) 4 wheel Boxes and racks for mounting on wagons, and trailer gears
333111G174	6881	Manual unloading or dump
333111G176	6882	Gravity unloading (grain type only)
333111G178	6883	Power unloading
333111G182	6884	Boxes with integral running gear, grain and forage types
333111G184	6885	Other farm transportation equipment (excluding equipment specified above)
333111G186	6887	Attachments (example, inclined conveyor) — <i>Value only</i>
XXX	6888	Total, farm wagons, and other farm transportation equipment (Sum of item codes 6880–6887) — Value only

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MA333A		
Product code	Item code	Item description
333111G102	6891	Stalk Shredders And Cutters Or Rotary Mowers (PTO) Flail type (without spout)
333111G104	6893	Horizontal-blade type
333111G106	6894	66 inches cutting width and under
333111G108	6895	Over 66 inches and up to 100 inches cutting width
XXX	6898	Total, stalk-shredders and cutters or rotary mowers (pto) (Sum of item codes 6891–6895) — Value only
		COMMERCIAL TURF AND GROUNDS CARE EQUIPMENT, INCLUDING PARTS AND ATTACHMENTS
		Commercial Turf And Grounds Mowing Equipment
333111J101	8101	Powered nonriding mowers and rotary turf motors
333111J107	8105	Riding reel-type turf mowers (including greens mowers)
333111J120	8110	Other mowing equipment, including flail and rotary mower cutting units, including gang
333111J131	8117	Parts for commercial turf and grounds mowing equipment — <i>Value only</i>
333111J136	8118	Attachments for commercial turf and grounds mowing equipment — <i>Value only</i>
XXX	8119	Total, commercial turf and grounds mowing equipment (Sum of item codes 8101–8118) — Value only
		Other Commercial Turf And Grounds Care Equipment (except mowing equipment)
333111J146	8125	Seeders, spreaders, and top dresser attachments
333111J153	8128	Aerators, spikers, dethatchers, and pluggers
333111J161	8131	Power brooms, blowers, vacuums, and sweepers
333111J175	8137	Other commercial turf and grounds care equipment (including trap rakes, transport trailers, turf tractors and trucks, sod cutters and sod harvesters, and irrigation systems (except agricultural and residential)
333111J176	8141	Parts for other commercial turf and ground care equipment (excluding mowing equipment) — <i>Value only</i>
333111J181	8143	Attachments for other commercial turf and ground care equipment (excluding mowing equipment) — <i>Value only</i>
XXX	8145	Total, other commercial turf and grounds care equipment (excluding mowing equipment) (Sum of item codes 8125–8143) — Value only

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST — Continued

FORM MA333A		
Product code	Item code	Item description
		CONSUMER NONRIDING LAWN, GARDEN, AND SNOW EQUIPMENT
3331121104	8202	Lawnmowers
3331121106	8212	Push type: reel (powered and nonpowered) and rotary — gas powered
3331121121	8215	Rotary: self-propelled, gas powered
		Electric, all types, including battery powered
3331121126	8220	Rotary garden (motor) tillers
3331121131	8230	2-wheel tractors, walking type (excluding rotary tillers)
3331121136	8241	Snow throwers (snow blower) (excluding attachment type)
3331121141	8242	Single stage
		Dual stage
3331121146	8250	Powered lawn edgers/trimmers
3331121151	8252	Fixed blade
		Other than fixed blades
3331121156	8261	Shredders and shredder-grinders
3331121161	8263	Yard vacuums and blowers
3331121166	8265	Other consumer nonriding lawn, garden, and snow equipment
XXX	8266	Total, consumer nonriding lawn, garden, and snow equipment (Sum of item codes 8202–8265) — Value only
		CONSUMER RIDING LAWN, GARDEN, AND SNOW EQUIPMENT
3331123108	8273	Lawn tractors and riding mowers
3331123125	8276	Front engine
		Rear engine
3331123147	8279	Garden tractors
3331123171	8285	Other consumer riding lawn, garden, and snow equipment
XXX	8289	Total, consumer riding lawn, garden, and snow equipment (Sum of item codes 8273—8285) Value— only
		PARTS AND ATTACHMENTS FOR CONSUMER RIDING AND NONRIDING LAWN, GARDEN, AND SNOW EQUIPMENT
		Parts and Attachments For Consumer Nonriding Lawn, Garden, and Snow Equipment
3331127101	8301	Parts— Value only
3331127111	8303	Attachments— Value only
XXX	8307	Total, parts and attachments for consumer nonriding lawn, garden, and snow equipment (Sum of item codes 8301—8303) — Value only

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST — Continued

FORM MA333A		
Product code	Item code	Item description
3331127125	8312	Parts and Attachments For Consumer Riding Lawn, Garden, and Snow Equipment Parts for tractor and riding mowers (including other equipment) — <i>Value only</i>
3331127195	8330	Attachments (all types) for consumer riding, lawn, garden, and snow equipment — <i>Value only</i>
XXX	8339	Total, parts and attachments for consumer riding lawn, garden, and snow equipment (Sum of item codes 8312—8330) — Value Only
3339228653	8653	FARM ELEVATORS Farm conveyors, elevators, and stackers
3339228655	8655	Single and double chain Auger type
3339228657	8657	Other farm elevators, conveyors, and stackers
3339228600	8659	Total farm conveyors, elevators, and stackers (Sum of item codes 8653—8657)

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST — Continued

FORM MA333A		
Product code	Item code	Item description
333111C110	9910	PARTS FOR FARM MACHINERY, FOR SALE SEPARATELY Parts for farm-type wheel tractors: Parts for farm-type wheel tractors (excluding operator cabs and parts for tractor chassis shipped as part of front engine design tractor shovel loader/backhoes)— Value only
333111C221	9921	Other parts for farm machinery, including operator cabs (excluding parts for wheel tractors) (Report Value Only): Parts for farm dairy machines and equipment—Value only
333111C223	9923	Parts for sprayers and dusters—Value only
333111C225	9925	Parts for farm blowers—Value only
333111C227	9927	Parts for planting, seeding, and fertilizing machinery—Value only
333111C229	9929	Parts for harvesting machinery—Value only
333111C22A	9931	Parts for haying machinery—Value only
333111C22B	9933	Parts for plows excluding plowshares—Value only
333111C22D	9935	Parts for harrows, rollers, pulverizers, and similar equipment—Value only
333111C22E	9937	Parts for cultivators and weeders—Value only
333111C22G	9939	Parts for machines preparing crops—Value only
333111C22H	9941	Parts for farm poultry equipment—Value only
333111C22J	9943	Parts for other barnyard equipment—Value only
333111C22K	9945	Parts for self-propelled irrigation systems (sold separately)—Value only
333111C22L	9947	Parts for hog equipment—Value only
333111C22M	9949	Parts for farm wagons and other farm transportation equipment, including operator cabs for farm tractors—Value only
333111C22N	9951	Parts for stalk shredders and cutters or rotary mowers (PTO)—Value only
333111C220	9959	Total other parts for farm machinery, including operator cabs (excluding for wheel tractors) (Sum of item codes 9921—9951)